

Interactive comment on “Comprehensive evaluation of high rocky slope safety through an integrated analytic hierarchy process and extension matter model” by H. Z. Su et al.

Anonymous Referee #1

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The paper proposes a approach implementing the safety evaluation for high rocky slope. Many factors influencing rocky slope safety are considered by building a multi-level and multi-index evaluation system. Some methods are integrated to fulfill the comprehensive evaluation of high rocky slope safety. The topic is overall within the major scopes of NHESS and may be of some interests to its general readers and, in particular, those specialized in civil engineering. The manuscript can be considered for publication with minor revisions.. 1.To make the original contribution be clear, it might be more suitable that the title of the manuscript is changed into “An approach using multi-factor combination to evaluate high rocky slope safety”. 2. In Figure 1, the meaning of unique dotted arrow should be explained. 3. In Section "Case study", more

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details might be added to better embody the present safety state of the high rocky slope. 4. The authors should check the final manuscript and avoid any grammatical error or syntax error.

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